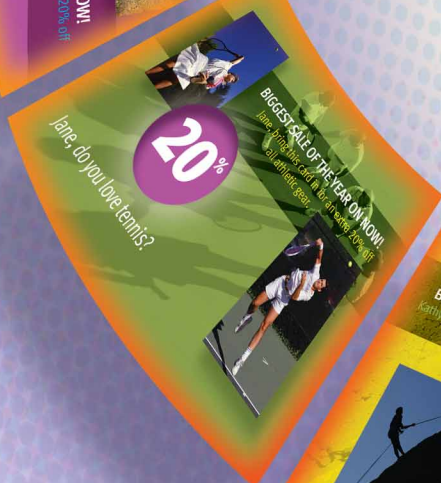
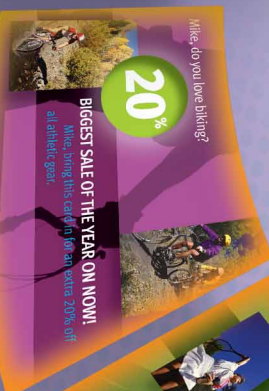


# Canon

## ColorPASS-Z5100





**G**raphic arts professionals, commercial printers, corporate CRDs, and print-for-pay establishments already agree that when it comes to color, nobody gets the picture like Canon. Now Canon is continuing its legacy by unveiling the latest in its popular line of color servers: the high-capacity ColorPASS-Z5100.

**The ColorPASS-Z5100 boosts productivity, enhances workflow, and brings networking to a level it has never reached before. It has an optional Graphic Arts Feature Set that ensures color accuracy for the most discriminating designers, and it works seamlessly with Canon's CLC 5000+ or CLC 3900+ to bring extraordinary output possibilities—and unprecedented management capabilities—to the most demanding administrators.**

#### **A New Level of Control**

The ColorPASS-Z5100 is indispensable in any production environment because it consistently delivers the most precise, accurate colors.

Consider that Canon has equipped the ColorPASS-Z5100 with ColorWise® 3, one of the industry's most intuitive color management software packages. Basic users rely on ColorWise 3 for out-of-the-box, high-quality color. Advanced users and color professionals turn to ColorWise for its productivity tools. These tools work with an open ICC profile, so you can calibrate and control the color accuracy of any device. As a result, you'll always receive the same glorious color—regardless of the network, platform, or application.

ColorWise 3 also includes a list of other new enhancements, including Full Simulation GCR for accurate proofing, ColorCal for greater calibration accuracy, and Image Smoothing for low-resolution images.

The ColorPASS-Z5100 is ideal for any production center—including color-critical environments like graphics arts firms and design centers. It offers these establishments unsurpassed color accuracy and consistency, along with an optional Graphic Arts Feature Set that includes enhancements like Spot-On™ Color Matching, Halftone Screening, and Paper Simulation.

Canon has also loaded the ColorPASS-Z5100 with Command WorkStation™ 4, the latest version of Canon's ColorPASS job management software. Basic users can appreciate Command WorkStation 4 because it provides an overview of all active jobs. Advanced administrators can't live without it because it lets them log-on to multiple ColorPASS servers to manipulate jobs, preview print jobs, and monitor user-activity.

#### **Designed For High-end Production**

The ColorPASS-Z5100 is a high-capacity color server, ideally suited for demanding production environments. It performs brilliantly with the Canon CLC 5000+ or CLC 3900+, and it supports Canon's Nagel Finisher. As a result, you can make booklets up to 10 pages in length with paper stocks up to 163gsm, and booklets up to 16 sheets in length, with paper stocks up to 105gsm. Canon has also included a cover page feature so cover sheets can be fed through the Paper Deck or Stack Bypass automatically.

The ColorPASS-Z5100 comes complete with DocBuilder Pro™ 2.0, so you can "translate" reader spreads into paginated booklet form prior to output. And DocBuilder Pro lets you merge pages from different sources (or those created by multiple users) into a single file before RIPping, so the entire document is printed with a single, common set of characteristics. With DocBuilder Pro 2.0, you can also output documents with mixed pages, negative gutter sizes, custom trims and folds, right-edge binding, and gang-up collating.





## All the Power of Networking

The ColorPASS-Z5100 increases your productivity and refines your workflow by putting you at the helm of one of the fastest and most advanced color servers on the market.

Canon designed the ColorPASS-Z5100 with NetWise™ 3 so you can E-mail jobs to the ColorPASS, and you can E-mail messages with scanned file attachments from the ColorPASS to any chosen recipient. It's easy because your E-mail service can be configured via the LCD, Web Setup, or Fiery Setup.

Armed with ScanBuilder,™ the ColorPASS-Z5100 is the center of your scanning network. You can initiate all your scans at the ColorPASS-Z5100, store them on its hard drive, and retrieve them on your network. And with Fiery Remote Scan 4, you are afforded additional freedoms. You can initiate local scans from a remote location

on the copier's platen glass or Automatic Document Feeder. You can also scan files into the printing workflow, either by E-mailing scanned files to selected recipients, or by retrieving scanned files from remote locations.

For years, high-end production centers—including design studios, ad agencies, and pre-press shops—have relied on Canon servers for accurate color reproduction. That's why Canon designed the ColorPASS-Z5100, and why it offers the Graphic Arts Feature Set. This optional package includes a list of high-priority enhancements designed specifically for the graphics community.

The Graphic Arts Feature Set enables integration into high-end prepress workflows by linking total color workflow, from initial concept through to final output. The Graphic Arts Feature Set comes complete with the following tools:

- **Soft Proofing**—to allow matched-color screen previews of print jobs
- **Auto Trapping**—to ensure proper registration and fit of adjacent colors
- **Halftone Screening**—for accurate proofing
- **Spot-On™ Color Matching**—for the precise reproduction of PMS colors
- **Unlimited Separations**—lets you print as many spot color plates as desired
- **Paper Simulation**—to give the user a better idea of how the final piece will look when printed
- **Hot Folders**—a separate utility that lets you send print files and job tickets to the server automatically (There's also support for TIFF/IT files, so users can drop these into a Hot Folder and print.)

# ColorPASS-Z5100

The ColorPASS-Z5100 is a high-capacity color server, ideally suited for any demanding production environment, including graphic arts firms, commercial printers, corporate CRDs, and print-for-pay establishments. Whatever your business, the Canon ColorPASS-Z5100 Color Server—loaded with the latest software—is your solution for fast, accurate, and vibrant colors, so you come out looking picture perfect every time!



# ColorPASS-Z5100

## Specifications

### Hardware

- Canon ColorPASS-Z5100 Motherboard
  - Dual Intel Pentium III @ 1GHz CPU
  - 512MB SDRAM
  - 100MHz System Bus
  - 512K level two cache
- 80GB hard disk
- Internal Zip® drive (250MB)
- IDE CD-ROM drive

### CLCs Supported

- CLC 5000/5000+/3900/3900+

### Document Printing Features

- RIP-While-Print®
- Continuous Print™
- Reverse order printing
- Electronic collation
- Save fast reprint
- Document full-screen preview, job merging, and editing
- Error-free printing
- Auto duplexing support
- Sorting/stapling support\*\*
- Archiving
- Load balancing
- Transparency interleaving
- Slip-sheeting
- Media server
- DocBuilder Pro™
- Tray alignment
- Custom page sizes
- PDF editing with PitStop software
- Imposition
- E-mail job submission
- PPML support
- Nagel Finisher support
- Cover Mode
- Stack Mode with stapler sorter
- Face-down delivery\*\*

### Networking/Connectivity

- Simultaneous auto-switching protocols:
  - EtherTalk®, TCP/IP, Novell® IPX/SPX,™
  - 802.2, 802.3, Ethernet II and SNAP
- Frame types, Novell NDS®-compliant
- Autosensing ports
  - RJ-45
- 10/100Base-T standard support
- Optional Token Ring support
- Peer-to-peer Windows® printing
- Automatic IP configuration
- IPP 1.1 (Internet Print Protocol)
- Port 9100 support
- Canon NDPS Gateway

### Page Descriptions

- Adobe® PostScript® 3™

### Language/Fonts

- PDF Printing (PDF 1.3)
- 136 Adobe Type 1 Roman PostScript scalable fonts

### Resolution

- Continuous-tone at an appearance of 800 x 400 dpi at all page sizes supported by the copier

### Scanning

- Fiery Scan and Fiery Remote Scan (RDF Support) TWAIN-compliant plug-in module for Adobe Photoshop® (Macintosh® and Windows)
- Capable of scanning up to tabloid size at 400 x 400 dpi
- Scan-to-E-mail
- Scan-to-Command WorkStation
- Scan-to-Mail Box

### Utilities

- Fiery Link™
- WebTools™
- Fiery Scan
- Fiery FreeForm™
- Fiery Downloader™
- Fiery Spooler
- Job Log
- Fiery Driver™ (with Automatic Configurator)
- Command WorkStation 4 Software Kit
- Member Printing

### Color Management

#### ColorWise 3

- Color Rendering Dictionaries
  - Photo
  - Presentation
  - Absolute Colorimetric
  - Relative Colorimetric
- ColorWise Pro Tools
  - Fiery Print Calibrator™ – easier calibration
  - Color Editor – customizing curves
  - Profile Manager – supporting ICC profiles
  - Color Setup – default color settings
- Color charts and reference pages
- RGB separation
- Spot color management – PANTONE® calibrated
- Trapping and overprinting
- Automatic black overprinting
- Independent RGB, PANTONE, and CMYK controls
- Pure black text/graphics
- Gray Component Replacement (GCR) control
- Spot color in PDF
- Image Smoothing

### Press Simulation

- Quick Simulation – adjusts toner density
- Full Simulation – adjusts toner density and hue
- Full Simulation with GCR
- Support for SWOP, Euroscale, DIC printing standards and others through ICC profiles
- Support for custom simulation targets
- Simulation on a per-job basis

### Calibration

- Default calibration for great out-of-the-box color
- ColorCal
- AutoCal™ 2
- Fiery Print Calibrator
- Calibration on a per-job basis
- Auto Gray
- PostRaster Calibration

### Memory Management

- ECT compression (off support)

### Optional Hardware/Software

- Token Ring Kit
- Advanced Controller Interface Kit
  - Flat-screen monitor
  - Keyboard and mouse
- DocBuilder Pro™ Licenses
  - One License
  - Three Licenses
  - Seven licenses
- EFI™ Densitometer
- Graphic Arts Feature Set
  - Halftone Screening
  - Hot Folders
  - Spot-On
  - Auto Trapping
  - TIFF/IT Support
  - Paper Simulation
  - Multiple Plate Separation
  - Soft Proofing

### Power Supply

- Auto-switching 110/220V, 50/60Hz

### Power Consumption

- 200W
- 682 BTU/Hr

### Dimensions (H x W x D)

- 21-1/2" x 7-1/2" x 18-1/2"
- (537.5mm x 187.5mm x 462.5mm)

### Weight

- 55 lb. (24.75kg)

\*\* Copier must support functionality.

\*\*\* DocBuilder Pro is recommended for pagination.

Intel and Pentium are registered trademarks of Intel Corporation. ColorWise, Fiery, and RIP-While-Print are registered trademarks of Electronics for Imaging, Inc. in the U.S. Patent and Trademark Office and certain other foreign jurisdictions. Spot-On, Command WorkStation, Continuous Print, DocBuilder Pro, Fiery Link, WebTools, Fiery Scan, Fiery FreeForm, Fiery Downloader, Fiery Driver, NetWise, Fiery Print Calibrator, ColorCal, AutoCal, and EFI are trademarks of Electronics for Imaging, Inc. Zip is a trademark of Iomega Corporation registered in the U.S. Patent and Trademarks Office and in other countries. EtherTalk and Macintosh are trademarks of Apple Computer, Inc. Novell and NDS are registered trademarks of Novell, Inc. in the United States and other countries. IPX/SPX is a trademark of Novell, Inc. Windows is a registered trademark of Microsoft Corporation in the United States and/or other countries. Adobe, PostScript, Photoshop, and Acrobat are registered trademarks of Adobe Systems Incorporated in the United States and/or other countries. PANTONE is a registered trademark of Pantone, Inc. Canon and ColorPASS are registered trademarks, and Canon Know How is a trademark of Canon, Inc. IMAGEANYWARE is a service mark of Canon U.S.A., Inc. All other terms and product names may be trademarks or registered trademarks of their respective owners, and are hereby acknowledged.

All specifications are subject to change without notice.

0036W123

0103-CP25100-50M



PRINTED ON RECYCLED  
PAPER IN THE U.S.A.

# Canon KNOW HOW™

1-800-OK-CANON

www.usa.canon.com

Canon U.S.A., Inc.  
One Canon Plaza  
Lake Success, NY 11042

